

CHAPTER 264
HEATING, REFRIGERATION, VENTILATING
AND AIR CONDITIONING

TABLE

264-01	Adoption of State Code
264-06	Master Control Switch for Ventilating Systems
264-67	Automatic Fire Suppression Systems in Commercial Kitchens
264-70	Incinerators

264-01. Adoption of State Code. Except as otherwise provided in this chapter, the city of Milwaukee adopts chs. Comm 45 and 64, Wis. Adm. Code, as amended, as part of this code.

264-06. Master Control Switch for Ventilating Systems. Central mechanical ventilating systems serving more than 2 floors in any building or structure shall be provided with a master control switch at or near an outside entry door to the building or structure for the use of the fire department and shall be protected and identified with a permanent sign, all in an approved manner. Such switch shall not be required if the building or structure has a central control station which is continuously monitored by a trained operator.

264-67. Automatic Fire Suppression Systems in Commercial Kitchens. All commercial automatic fire suppression systems in kitchens used for commercial purposes shall be maintained at full operating capacity by the owner and shall be serviced every 6 months in accordance with NFPA 96-1984. A record of this service indicating the month and year the service was performed and identifying the person performing this service shall be firmly attached to the system.

264-70. Incinerators. 1. DEFINITION. In this section, "incinerator" means any device used for burning trash, refuse, scrap, animal matter or other waste materials.

2. CONSTRUCTION. a. Portable incinerators which are not constructed as an integral part of the building shall have clearances to combustible construction and shall be mounted on floor construction as per manufacturer's specifications.

b. Incinerators which are built as an integral part of the building shall have the enclosing walls of the fire box or combustion chamber constructed of solid masonry units, not less than 9 inches in nominal thickness where the grate area does not exceed 9 square feet, and not less than 13 inches in nominal thickness where the grate area is in excess of 9 square feet. The inner surfaces of such walls shall be lined with firebrick not less than 4-1/2 inches thick laid in fire clay mortar.

c. An airspace shall be left between the firebrick and the remaining portion of the wall for expansion and contraction.

d. Incinerators and waste material bins, or containers used in connection therewith, which are installed in buildings where fire-resistive enclosures are required for boilers and furnaces shall be installed in such enclosures or in a separate room having the same fire-resistance rating as required for boiler or furnace enclosures.

e. The design and construction of incinerators and chimneys used in connection therewith shall be governed by the nature of the material to be burned and shall be of an approved type so as to avoid causing nuisances prohibited by the Wisconsin department of natural resources.

3. INCINERATOR CHIMNEYS.

a. Except as otherwise regulated herein, chimneys for incinerators shall be constructed as regulated in ch. Comm 64, Wis. Adm. Code, as amended, for low temperature chimneys. Chimneys for incinerators having a grate area of more than 9 square feet shall be provided with a lining of firebrick not less than 4-1/2 inches in thickness for the entire height of the chimney, except that such lining need not extend for a distance of more than 40 feet above the top of the combustion chamber.

264-70-4 Heating, Refrigeration Ventilating And Air Conditioning

b. No smoke flue of an incinerator hereafter constructed shall be used as a refuse chute. Existing incinerator installations wherein the refuse chute is used as a smoke flue for the incinerator or for any other fuel-burning equipment may be continued in operation, provided such installations are maintained in a safe and smokeproof condition. When such installations are the cause of a fire or constitute a hazard by reason of escaping gases or smoke as determined by the fire department, then the use of such installations shall be discontinued until they are made to comply with the regulations of this section.

c. No smoke pipe of any heating appliance shall hereafter be connected into the flue of any existing incinerator which has the rubbish chute identical with the smoke flue.

4. INCINERATOR REFUSE CHUTES.
Where a refuse chute is provided for an incinerator, the chute shall be constructed as regulated in ch. Comm 64, Wis. Adm. Code, as amended, for low temperature chimneys. Such chutes shall extend not less than 4 feet above the roof and shall be capped with an approved ventilating weather hood, designed so as not to act as a smoke flue. Each service opening into the chute shall be equipped with an approved self-closing hopper so constructed that the opening is closed off while the hopper is being charged, and that no part of the hopper will project into the chute. The area of each service opening shall not exceed 1/3 of the cross sectional area of the chute.

5. INCINERATOR SMOKE PIPES AND BREECHINGS. a. The flue connections or breechings from incinerators shall be constructed of ferrous metal not lighter than U.S. gages and protected with firebrick not less in thickness than shown in Table 264-70-5-a.

TABLE 264-70-5-a

Diameter of Greatest Dimension of Breeching in Inches	Minimum Thickness Firebrick of Metal, U . S . in Inches	Minimum Thickness Protection, G a g e
6 or under	24	Not required
Over 6 but not over 12	16	Not required
Over 12 but not over 18	12	2-1/2
Over 18	12	4-1/2
Other approved construction and protection may be used.		

b. Incinerator flue connections or breechings for incinerators constructed as an integral part of the building shall have a clearance of 36 inches to combustible construction.

**Heating, Refrigeration, Ventilating
And Air Conditioning 264- (HISTORY)**

**LEGISLATIVE HISTORY
CHAPTER 264**

Abbreviations:

am = amended
cr = created

ra = renumbered and amended
rc = repealed and recreated

rn = renumbered
rp = repealed

<u>Section</u>	<u>Action</u>	<u>File</u>	<u>Passed</u>	<u>Effective</u>
264-01	cr	85-1396	12/20/85	1/1/86
264-01	am	85-1396-a	5/6/86	5/23/86
264-01	am	880335	6/28/88	7/16/88
264-01	am	961523	2/11/97	2/28/97
264-01	am	980939	10/30/98	11/18/98
264-06	cr	85-1396	12/20/85	1/1/86
264-67	cr	86-1402	12/16/86	1/8/87
264-70	cr	85-1396	12/20/85	1/1/86
264-70-3-a	am	980939	10/30/98	11/18/98
264-70-3-a	am	020467	8/1/2002	8/20/2002
264-70-4	am	980939	10/30/98	11/18/98
264-70-4	am	020467	8/1/2002	8/20/2002

**264-- Heating, Refrigeration, Ventilating
And Air Conditioning**

[Pages 510-517 are blank]